Title: Image Sensing Apparatus, ... Serial No. 10/733,478, Docket No. 1232-5228 Replacement Sheet FEB 18 2005 CH 4/5 **S**8 ABS SS 117 HPF EVALUATION VALUE CALCULATING CIRCUIT DISTANCE MEASUREMENT FRAME GENERATING CIRCUIT 8 - TO IMAGE PROCESSING CIRCUIT LPF જ્ GAMMA CORRECTION CIRCUIT FIG. 4 (PRIOR ART) 8 LUMINANCE SIGNAL GENERATING CIRCUIT CPU/IF 119 \overline{S} 104 ADC 103 SPU CDS AGC 107 IMAGE SENSING DEVICE 102 105 106 LENS DRIVING MOTOR MOTOR DRIVING CIRCUIT

FIG. 5 (PRIOR ART)

